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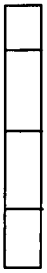
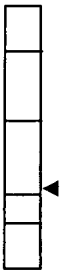
PATENT & TRADEMARK OFFICE

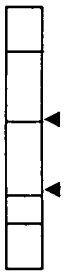
Figure 3-A

	Experiment 1
Genotype 1	
Genotype 2	

Similarity coefficient = $\frac{2}{3} = 66\%$

	Experiment 1
Genotype 1	
Genotype 3	

Similarity coefficient = $\frac{3}{4} = 75\%$

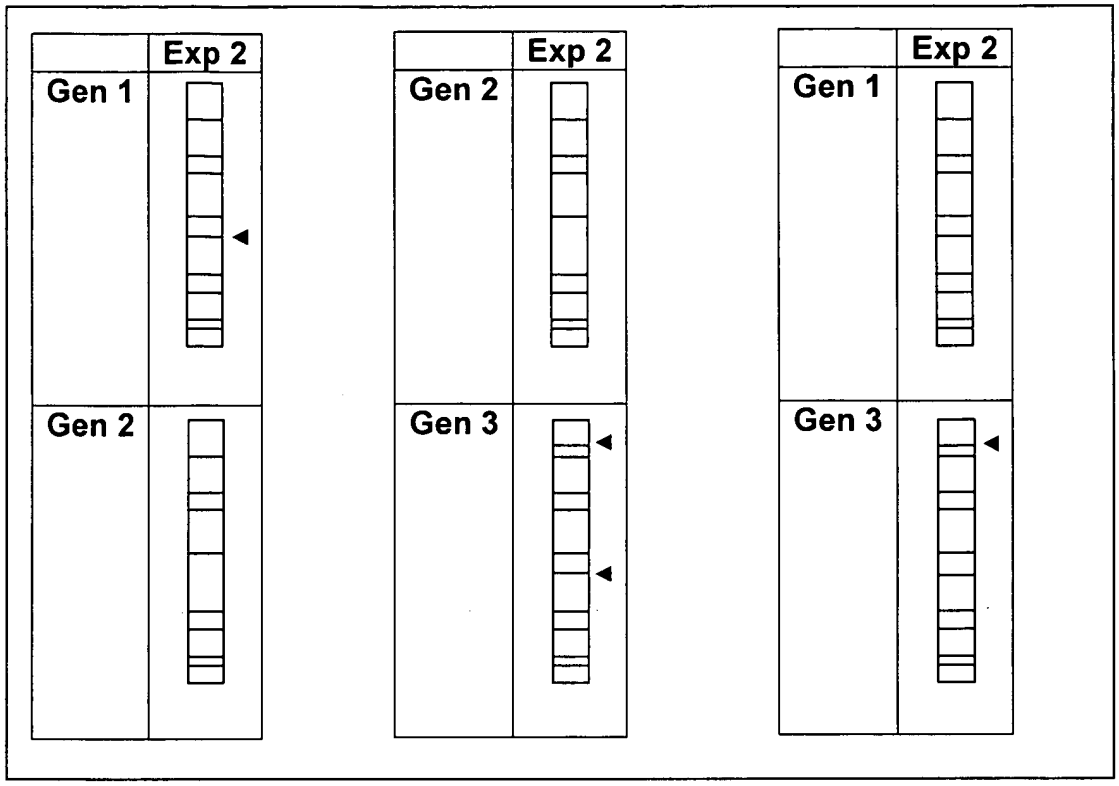
	Experiment 1
Genotype 2	
Genotype 3	

Similarity coefficient = $\frac{2}{4} = 50\%$

Similarity matrix

	Gen 1	Gen 2	Gen 3
Gen 1	100		
Gen 2	66	100	
Gen 3	75	50	100

Figure 3-B



[1]

[2]

	Experiment 1		
	Gen 1	Gen 2	Gen 3
Gen 1	100		
Gen 2	66	100	
Gen 3	75	50	100

	Experiment 2		
	Gen 1	Gen 2	Gen 3
Gen 1	100		
Gen 2	88	100	
Gen 3	90	80	100

[3]

	Gen1	Gen2	Gen3
Gen1	100		
Gen2	$\frac{(3\times 66)+(9\times 88)}{3+9}=83\%$	100	
Gen3	$\frac{(4\times 75)+(10\times 90)}{4+10}=86\%$	$\frac{(4\times 50)+(10\times 80)}{4+10}=71\%$	100

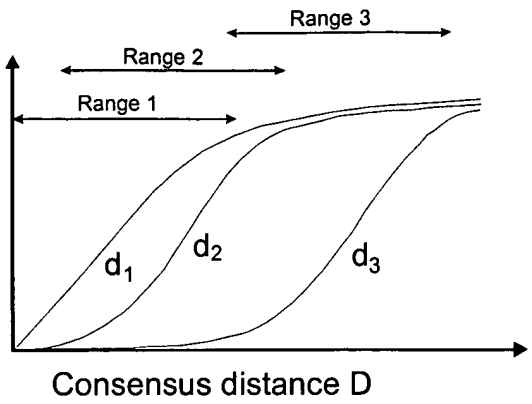



FIGURE 4